

# ATLAS Teamwork

AW 1070



- powerful drive
- optimal traction
- advanced compaction technology

**ATLAS**  
weycor

## TECHNICAL SPECIFICATION AW 1070 / AW 1070 PD\*

Weight		AW 1070	AW 1070 PD*
Operating weight CECE	kg	7100	7250
Weight on front	kg	3800	4100
Weight on rear	kg	3300	3150

### Compaction performance

Linear drum load	kg/cm	22.40	
Amplitude high / low	mm	1.6 / 0.7	1.6 / 0.7
Frequency at high/low Amplitude	Hz	30 / 40	30 / 40
Centrifugal force at high/low Ampl.	kN	120 / 90	120 / 90

### Drum

Drum width	mm	1700	1700
Drum diameter	mm	1250	1140
Drum shell thickness	mm	20	15

### Drive

Speed	km/h	0-10**	0-10**
Angular movement	°	±12	±12
Gradeability w/wo vibration	%	45 / 50	45 / 50
Tyres		16.9-24	16.9-24 TR

### Engine

	Perkins	Perkins
Model	I104D-44T	I104D-44T
Type	I104D-44T	I104D-44T
Output	kW 62 (84 HP)	62 (84 HP)

### Tank capacities

Fuel capacity	l	167	167
Hydraulic oil capacity	l	68	68

### Standard equipment

ROPS-Cabin with tinted glass, 2 doors, both sides divided  
 Low-maintenance centre-pivot steering  
 Low-maintenance vibratory system with 2 amplitudes and frequencies  
 No-spin rear axle  
 Two-stage hydrostatic drive and traction control at the drum  
 Both drives equipped with spring-loaded brake  
 Adjustable driver's seat with armrest, adjustable steering column  
 Emergency switch  
 4 working headlights  
 Adjustable scraper  
 Hot water heating with fresh-air fan

### Options

Canopy version with ROPS roll bar and waterproof seat  
 Air conditioning (not for Canopy version)  
 Padfoot shell kit (3-part) for modification of a smooth drum  
 Spring steel scraper blade (for smooth drum only)  
 Vulcolan scraper blade (for smooth drum only)  
 Cyclone dust separator  
 Battery main switch  
 Reverse gear alarm  
 Rotating light  
 Radio  
 Radio preparation  
 Special colour  
 ATLAS hydraulic fluid (environment-friendly)  
 Compaction measurement (digital display)  
 Preparation for compaction measurement  
 With HD-Drive - 4stage

### Dimensions (in mm)

	AW 1070	AW 1070 PD*
Distance between axles	A	2720
Width	B	1850
Road clearance	D	375
Height	H	2723
Drum diameter	H <sub>1</sub>	1250
Length	L	5032
Inside turning radius	R	3900
Outside turning radius	R <sub>1</sub>	5600
Width above tyres	W	1700
Drum width	W <sub>1</sub>	1700
Angle of steering lock	α	±30°

\* PD = padfoot drum \*\* In HD-drive 0 - 12 km/h

### Sound level

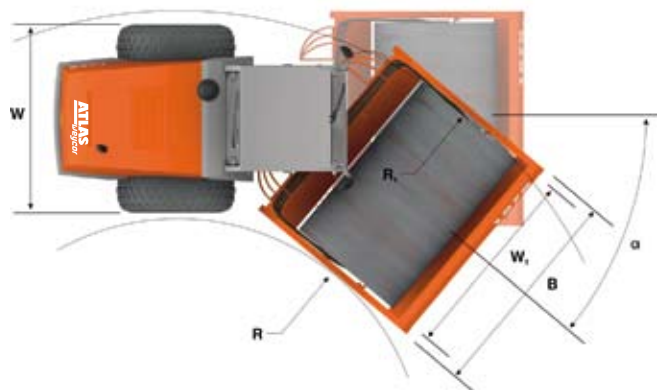
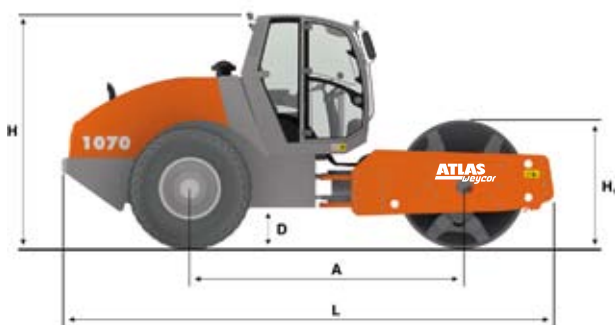
Average acoustic power-level L <sub>WA</sub> <sup>(1)</sup> :	104.1 dB(A)
Guaranteed acoustic power-level L <sub>WA</sub> <sup>(2)</sup> :	106.0 dB(A)
Sound pressure level L <sub>pA</sub> <sup>(3)</sup> :	76.0 dB(A)

### Specific vibration-data

Hand- / arm- / body-vibration <sup>(4)</sup> :	< 2.5 / 0.5 m/s <sup>2</sup>
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(1) According to 2000/14/EG & appendixes.  
 (3) According to ISO 6396.

(2) According to 2000/14/EG & appendixes.  
 (4) According to ISO 8041.



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Subject to technical alterations.

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